

**AGENTS THAT MODULATE DNA-PK ACTIVITY AND METHODS OF USE
THEREOF**

ABSTRACT OF THE DISCLOSURE

The present invention provides methods for modulating cell death in a eukaryotic cell, and methods for reducing DNA damage in a eukaryotic cell. The methods generally comprise modulating a biological activity of DNA-PK in a cell. The invention further provides methods of treating a condition related to cell death in an individual. The invention further provides methods of identifying agents which modulate a biological activity of DNA-PK, as well as agents identified by the methods. Methods of modulating an immune response using an identified agent are also provided.

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